DEPARTMENT OF PUBLIC WORKS

STORM DRAIN DESIGN SHEET - A

CITY OF MERCED, CALIF

DRAWN: K.E.

ENG.

REVISED 8-5-91

APPROVED BY: Steven M. Stroud

PUBLIC WORKS DIRECTOR

DATE 11-7-80

SHEET SD-28 OF

MERCED STORM DRAIN DESIGN

PROJECT _____

FREQUENCY (circle one) 10yr 50yr

FLOOD ZONE _____

SHEET A

PAGE _____ OF _____

DATE _____

CALC. BY _____

CK'D. BY _____

REMARKS	DRAINAGE SUB AREA				SUB AREA RUNOFF				SYSTEM RAINFALL – RUNOFF					
									TIME		ADJUSTED			
	AREA DESIGNATION	SOIL & DEVELOPMENT	A SUB AREA (acre)	CUMULATIVE AREA (acre)	Tci = 10 + OVERLAND FLOW TIME = Tc (min)	I AVERAGE RAINFALL INTENSITY (in/hr)	C RUNOFF COEF.	CATCH BASIN DESIGN (c.f.s)	INCREMENT $\Delta T = L/V$ (min)	T_c CUMULATIVE $\Sigma \Delta T$ (min)	RUNOFF COEF. (C)	RAINFALL INTENSITY (I)	RUNOFF DESIGN FLOW ΔQ_D (c.f.s)	Q_D CUMULATIVE DESIGN FLOW $\Sigma \Delta Q_D$ (c.f.s)